

United States Patent Application

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: REVERSE FLOW AIR FILTER ARRANGEMENT AND METHOD

The specification of which

a. ☐ is attached hereto

b. ☒ was filed on June 27, 1997 as application serial no. 08/884,205, which I have reviewed and for which I solicit a United States patent.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56 (attached hereto).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

a. ☒ no such applications have been filed.

b. ☐ such applications have been filed as follows:

FOREIGN APPLICATION(S), IF ANY, CLAIMING PRIORITY UNDER 35 USC § 119			
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)
ALL FOREIGN APPLICATION(S), IF ANY, FILED BEFORE THE PRIORITY APPLICATION(S)			
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)

I hereby claim the benefit under Title 35, United States Code, § 120/365 of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. APPLICATION NUMBER	DATE OF FILING (day, month, year)	STATUS (patented, pending, abandoned)
08/742,244	October 31, 1996	pending
08/344,371	November 23, 1994	U.S. Patent No. 5,613,992

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

U.S. PROVISIONAL APPLICATION NUMBER	DATE OF FILING (Day, Month, Year)

I hereby appoint the following attorney(s) or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

Adriano, Sarah B.	Reg. No. 34,470	Kettelberger, Denise	Reg. No. 33,924
Albrecht, John W.	Reg. No. P-40,481	Komanduri, Janaki	Reg. No. P-40,684
Batzli, Brian H.	Reg. No. 32,960	Kowalchyk, Alan W.	Reg. No. 31,535
Beard, John L.	Reg. No. 27,612	Kowalchyk, Katherine M.	Reg. No. 36,848
Beck, Robert C.	Reg. No. 28,184	Lacy, Paul E.	Reg. No. 38,946
Bejin, Thomas E.	Reg. No. 37,089	Lasky, Michael B.	Reg. No. 29,555
Berman, Charles	Reg. No. 29,249	Lindquist, Timothy A.	Reg. No. P-40,701
Bogucki, Raymond A.	Reg. No. 17,426	Lynch, David W.	Reg. No. 36,204
Bruess, Steven C.	Reg. No. 34,130	Mau, Michael L.	Reg. No. 30,087
Byrne, Linda M.	Reg. No. 32,404	McDaniel, Karen D.	Reg. No. 37,674
Canady, Karen S.	Reg. No. 39,927	McDonald, Daniel W.	Reg. No. 32,044
Carlson, Alan G.	Reg. No. 25,959	McDonald, Wendy M.	Reg. No. 32,427
Carter, Charles G.	Reg. No. 35,093	McIntyre, Iain A.	Reg. No. 40,377
Caspers, Philip P.	Reg. No. 33,227	Miller, William D.	Reg. No. 37,988
Chiapetta, James R.	Reg. No. 39,634	Mueller, Douglas P.	Reg. No. 30,300
Clifford, John A.	Reg. No. 30,247	Nasiedlak, Tyler L.	Reg. No. 40,099
Conrad, Timothy R.	Reg. No. 30,164	Nelson, Albin J.	Reg. No. 28,650
Cooper, Victor G.	Reg. No. 39,641	Orler, Anthony J.	Reg. No. P-41,232
Crawford, Robert	Reg. No. 32,122	Pauly, Daniel M.	Reg. No. 40,123
Daignault, Ronald A.	Reg. No. 25,968	Plunkett, Theodore	Reg. No. 37,209
Daley, Dennis R.	Reg. No. 34,994	Pollinger, Steven J.	Reg. No. 35,326
Dalglish, Leslie E.	Reg. No. P-40,579	Reich, John C.	Reg. No. 37,703
Daulton, Julie R.	Reg. No. 36,414	Reiland, Earl D.	Reg. No. 25,767
Davidson, Ben M.	Reg. No. 38,424	Schmaltz, David G.	Reg. No. 39,828
DiPietro, Mark J.	Reg. No. 28,707	Schmidt, Cecil C.	Reg. No. 20,566
Edell, Robert T.	Reg. No. 20,187	Schuman, Mark D.	Reg. No. 31,197
Epp Ryan, Sandra	Reg. No. 39,667	Schumann, Michael D.	Reg. No. 30,422
Farber, Michael B.	Reg. No. 32,612	Sebald, Gregory A.	Reg. No. 33,280
Funk, Steven R.	Reg. No. 37,830	Sharp, Janice A.	Reg. No. 34,051
Gabilan, Mary Susan	Reg. No. 38,729	Skoog, Mark T.	Reg. No. 40,178
Gates, George H.	Reg. No. 33,500	Smith, Jerome R.	Reg. No. 35,684
Glance, Robert J.	Reg. No. P-40,620	Stinebruner, Scott A.	Reg. No. 38,323
Golla, Charles E.	Reg. No. 26,896	Sumner, John P.	Reg. No. 29,114
Gorman, Alan G.	Reg. No. 38,472	Sumners, John S.	Reg. No. 24,216
Gould, John D.	Reg. No. 18,223	Tellekson, David K.	Reg. No. 32,314
Gresens, John J.	Reg. No. 33,112	Underhill, Albert L.	Reg. No. 27,403
Hamre, Curtis B.	Reg. No. 29,165	Vandenburgh, J. Derek	Reg. No. 32,179
Hillson, Randall A.	Reg. No. 31,838	Welter, Paul A.	Reg. No. 20,890
Hollingsworth, Mark A.	Reg. No. 38,491	Williams, Douglas J.	Reg. No. 27,054
Johnston, Scott W.	Reg. No. 39,721	Wood, Gregory B.	Reg. No. 28,133
Kastelic, Joseph M.	Reg. No. 37,160	Xu, Min S.	Reg. No. 39,536

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Merchant, Gould, Smith, Edell, Welter & Schmidt to the contrary.

Please direct all correspondence in this case to Merchant, Gould, Smith, Edell, Welter & Schmidt at the address indicated below:

Merchant, Gould, Smith, Edell,
Welter & Schmidt
3100 Norwest Center
90 South Seventh Street
Minneapolis, MN 55402-4131

I hereby declare that all statements made on of my own knowledge are true and that statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

2	Full Name Of Inventor	Family Name ENGEL	First Given Name Donald	Second Given Name Francis
0	Residence & Citizenship	City Prior Lake	State or Foreign Country Minnesota	Country of Citizenship U.S.A.
1	Post Office Address	Post Office Address 6480 Glasgow Trail S.E.	City Prior Lake	State & Zip Code/Country MN 55372/U.S.A.

Signature of Inventor 201: Donald Francis Engel Date: 3-5-98

2	Full Name Of Inventor	Family Name BARTELS	First Given Name Dolan	Second Given Name
0	Residence & Citizenship	City Cresco	State or Foreign Country Iowa	Country of Citizenship U.S.A.
2	Post Office Address	Post Office Address 617 Gillette Ave.	City Cresco	State & Zip Code/Country IA 52136 U.S.A.

Signature of Inventor 202: Dolan H Bartels Date: 3-20-98

2	Full Name Of Inventor	Family Name HACKER	First Given Name John	Second Given Name
0	Residence & Citizenship	City Bloomington	State or Foreign Country Minnesota	Country of Citizenship U.S.A.
3	Post Office Address	Post Office Address 8416 York Road	City Bloomington	State & Zip Code/Country MN 55431 U.S.A.

Signature of Inventor 203: John R Hacker Date: 3-9-98

2	Full Name Of Inventor	Family Name CRENSHAW	First Given Name Bruce	Second Given Name
0	Residence & Citizenship	City Indianapolis	State or Foreign Country Indiana	Country of Citizenship U.S.A.
4	Post Office Address	Post Office Address 1628 McCollough Dr.	City Indianapolis	State & Zip Code/Country IN 46260 U.S.A.

Signature of Inventor 204: Bruce R. Crenshaw Date: 3-20-98

2	Full Name Of Inventor	Family Name HAROLD	First Given Name Don [DECEASED]	Second Given Name
0	Residence & Citizenship	City Prior Lake	State or Foreign Country Minnesota	Country of Citizenship U.S.A.
5	Post Office Address	Post Office Address 16687 Lyons Ave. S.	City Prior Lake	State & Zip Code/Country MN 55372 U.S.A.

SIGNATURE FOR DECEASED INVENTOR DON HAROLD:

BY:

Shirley A. Harold

PRINTED NAME:

Shirley A. Harold

LEGAL REPRESENTATIVE OF ESTATE OF DON HAROLD

Date:

5-14-98

§ 1.56 Duty to disclose information material to patentability.

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

- (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.

(b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and

- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim;
- (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

(c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:

- (1) Each inventor named in the application;
- (2) Each attorney or agent who prepares or prosecutes the application; and

(3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

(d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.

S/N 08/884,205

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	ENGEL ET AL.	Examiner:	UNKNOWN
Serial No.:	08/884,205	Group Art Unit:	1305
Filed:	JUNE 27, 1997	Docket No.:	758.556US11
Title:	REVERSE FLOW AIR FILTER ARRANGEMENT AND METHOD		

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on MAY 19, 1998.

By: Brenda House
Name: Brenda House

DECLARATION

Assistant Commissioner for Patents
Washington, D.C. 20231

I, Shirley A. Harold, hereby state as follows:

1. Don Harold was named as an inventor in the above-referenced U.S. patent application.
2. Since the filing date of this patent application, Don Harold died.
3. I am the person named as the legal representative of the Estate of Don Harold.

Attached to this Declaration is proof of my authority.

4. I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Dated: 5-14-98

Name: Shirley A. Harold

Shirley A. Harold